

Converting Colors

XYZ(68.8367, 72.2033, 77.4326)

Have a look what the booklet for
XYZ(68.8367, 72.2033, 77.4326)
contains.

XYZ(69.0741, 72.5154, 77.3741)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.0741, 72.5154,
77.3741)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDDDB
RGB	223, 221, 219
RGB Percent	87%, 87%, 86%
CMY	0.1255, 0.1333, 0.1412
CMYK	0.00, 0.01, 0.02, 0.13
HSL	30°, 6%, 87%
HSV	30°, 2%, 87%
XYZ	69.0741, 72.5154, 77.3741
YIQ	221.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

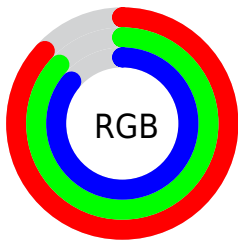
Format	Color
R _Y B	223, 223, 219
Decimal	14671323
CIE Lab	88.22, 0.33, 1.21
CIE LCh	88, 1.252, 74.886
Yxy	72.5154, 0.3155, 0.3312
Android (android.graphics.Color)	4292861403 (0xFFDFDDB)
YUV	221.3700, -1.1684, 1.4295
Hunter-Lab	85.1560, -4.2330, 5.7373

Details

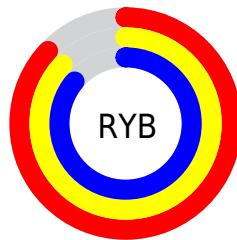
The XYZ color **69.0741, 72.5154, 77.3741** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.3892, 72.0997, 80.1252**, and the grayscale version is **68.9961, 72.5892, 79.0497**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4855, 38.2776, 40.5873** is the 20% darker color. If you saturate the color by 10%, you get **63.4920, 65.7383, 61.9865**, and if you desaturate by 10%, it is **75.2484, 79.8456, 94.9013**.

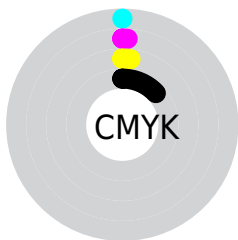
Distribution



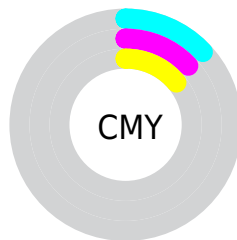
- Red (87%)
- Green (87%)
- Blue (86%)



- Red (87%)
- Yellow (87%)
- Blue (86%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0741, 72.5154, 77.3741 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 69.0741, 72.5154, 77.3741 by changing the saturation by 10% instead.

■ 69.0741, 72.5154,
77.3741

■ 69.0741, 72.5154,
77.3741

446.6096,
469.3335, 505.5101

■ 51.0489, 53.5798,
57.0466

116.9209,
122.7890, 131.4453

■ 36.4687, 38.2658,
40.6330

147.4732,
154.8958, 166.0260

■ 24.9682, 26.1891,
27.7149

182.9320,
192.1618, 206.1948

■ 16.1820, 16.9651,
17.8737

223.6625,
234.9714, 252.3703

■ 9.7447, 10.2096,
10.6908

270.0302,
283.7090, 304.9711

■ 5.2910, 5.5382,
5.7478

322.4003,

■ 2.4555, 2.5664,

338.7589, 364.4156

2.6260

381.1384,
400.5057, 431.1224

■ 0.8729, 0.9098,
0.9059

■ 0.0000, 0.0000,
0.0000

■ 69.0741, 72.5154,
77.3741

■ 69.0741, 72.5154,
77.3741

■ 63.4920, 65.7383,
61.9865

■ 75.2484, 79.8456,
94.9013

■ 58.4768, 59.4913,
48.6507

■ 80.6109, 87.1662,
107.1839

■ 54.0100, 53.7631,
37.2799

■ 84.0476, 94.0397,
108.3294

■ 50.0699, 48.5387,
27.7791

■ 84.2419, 94.4282,
108.3942

■ 46.6331, 43.8022,
20.0453

■ 43.6742, 39.5365,
13.9656

■ 41.1650, 35.7233,
9.4137

■ 39.0737, 32.3425,
6.2448

■ 37.3629, 29.3715,
4.2853

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.3329, 72.5154, 77.7978



69.0741, 72.5154, 77.3741



68.7758, 72.5154, 77.3724

Triad

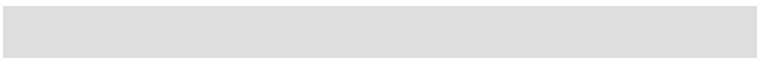
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.0741, 72.5154, 77.3741



68.3682, 72.5154, 79.3817



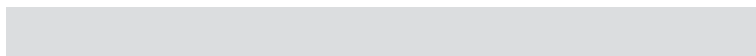
69.3312, 72.5154, 80.1322

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



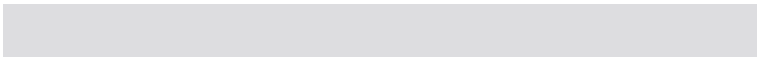
69.0741, 72.5154, 77.3741



68.3892, 72.0997, 80.1252

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.0719, 72.5154, 80.5629



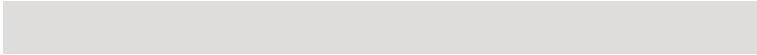
69.0741, 72.5154, 77.3741



68.5162, 72.5154, 80.1275

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.0741, 72.5154, 77.3741



68.3688, 72.5154, 78.5273



68.7735, 72.5154, 80.5612



69.4816, 72.5154, 79.3881

Rectangle

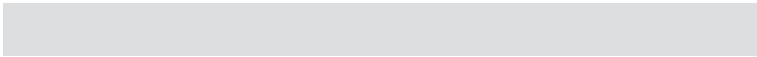
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.0741, 72.5154, 77.3741



68.5946, 72.5154, 77.6107



68.7735, 72.5154, 80.5612



69.2539, 72.5154, 80.3187

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69.0761, 72.5185, 77.3757



94.2375, 99.0276, 106.6172



68.8151, 71.5726, 78.5956



20.1793, 21.2063, 22.8445



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.0761, 72.5185, 77.3757



93.4331, 98.0628, 104.3638



69.6063, 73.5789, 77.5524



15.2128, 15.9691, 17.0198



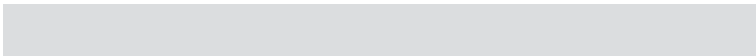
21.3950, 16.2279, 2.0047



1.5725, 1.3039, 0.1688

Inverse Universe

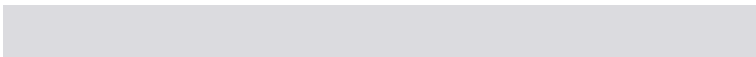
The Inverse Universe completely reimagines the original color for something new.



68.3892, 72.0997, 80.1252



92.3888, 97.4262, 108.5435



67.8653, 71.0519, 79.9506



15.0534, 15.8719, 17.6579



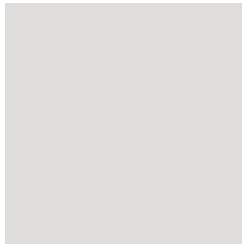
11.3051, 10.0797, 42.3981



0.8731, 0.8777, 2.9686

Previews

White Background



This preview shows how the XYZ color 69.0741, 72.5154, 77.3741 looks on a white background.

Color Contrast Check

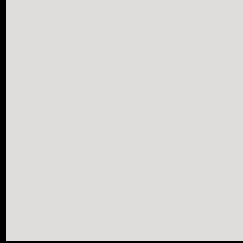
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 69.0741, 72.5154, 77.3741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

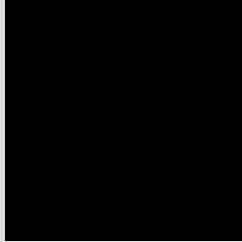
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

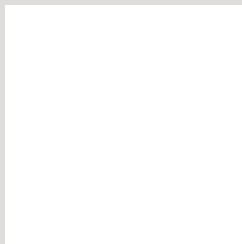
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.0741, 72.5154, 77.3741

Background



This preview shows how black text looks on a background with the XYZ color 69.0741, 72.5154, 77.3741.

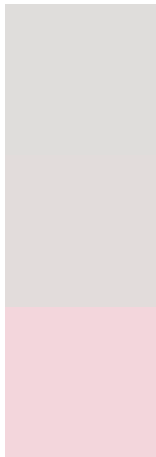


This preview shows how white text looks on a background with the XYZ color 69.0741, 72.5154,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

69.0741, 72.5154, 77.3741

Protanopia

69.7434, 72.4696, 77.3300

Deuteranopia

73.9270, 72.3151, 77.7720



Tritanopia

71.5758, 72.3677, 89.5528

Trichromacy



Original Color

69.0741, 72.5154, 77.3741

Protanomaly

69.4307, 72.3084, 77.3154

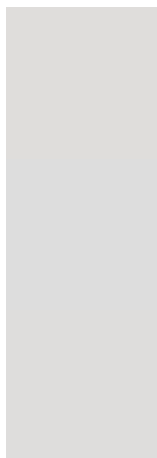
Deuteranomaly

72.3232, 72.6259, 77.9165

Tritanomaly

70.6658, 72.3838, 85.1099

Monochromacy



Original Color

69.0741, 72.5154, 77.3741

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.8989, 72.4098, 78.0553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0741, 72.5154, 77.3741 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(223, 221, 219) looks like.

```
.text, #text, p{  
    color:rgb(223, 221, 219)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(223, 221, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 221, 219) }
```

Border

The CSS property to change the border of an element to XYZ 69.0741, 72.5154, 77.3741 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 221, 219) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(223, 221, 219) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(223, 221, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 221, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 221, 219);  
box-shadow:4px 4px 4px 4px rgb(223, 221,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0741, 72.5154, 77.3741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 221, 219) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(223,  
221, 219) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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